

JCO4 Rec'd PCT/PTO 04 NOV 2005  
PCT

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:  
Date: November 2, 2005 Name: Carolyn Beason-Wright Signature: Carolyn Beason-Wright

BRINKS  
HOFER  
GILSON  
& LIONE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Armando Pombeiro, et al.

Appln. No.: 10/532,387

Filed: April 21, 2005

For: VANADIUM CATALYSTS AND PROCESS FOR  
THE DIRECT CONVERSION OF METHANE INTO  
ACETIC ACID

Examiner: Unknown

Art Unit: Unknown

Attorney Docket No: 10866/004

Mail Stop Missing Parts  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

☒ RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. §371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

☒ Return Receipt Postcard 11/03/2005 6FREY1 00000111 231925 10532387

**Fee calculation:** 01 FC:1617 130.00 DA

☐ No additional fee is required.

☐ Small Entity.

☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).

☒ A petition or surcharge in an amount of \$130.00 under 37 C.F.R. § 1.16(e).

☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

**Fee payment:**

☐ A check in the amount of \$\_\_\_\_\_ to cover the above-identified fee(s) is enclosed.

☒ Please charge Deposit Account No. 23-1925 in the amount of \$130.00. A copy of this Transmittal is enclosed for this purpose.

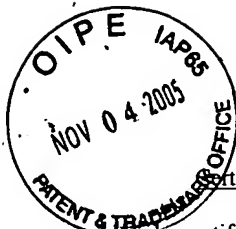
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).

☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Nov. 2, 2005  
Date

Lawrence A. Steward  
Lawrence A. Steward (Reg. No. 32,309)



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Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited  
with the United States Postal Service with sufficient postage  
as first-class mail in an envelope addressed to: Commissioner for  
Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450

on November 2, 2005

*Carolyn Beason-Wright*

Carolyn Beason-Wright

PATENT

Our Case No. 10866/004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)
Armando Pombeiro, et al.	) Group Art Unit: Not Yet Known
Serial No.: 10/532,387	) Examiner: Not Yet Known
Filed: April 21, 2005	) Confirmation No. 1766
For: VANADIUM CATALYSTS AND PROCESS	)
FOR THE DIRECT CONVERSION OF	)
METHANE INTO ACETIC ACID	)

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. § 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**MAIL STOP MISSING PARTS**

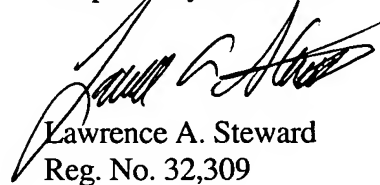
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This letter is in response to the Notification of Missing Requirements Under  
35 U.S.C. § 371 in the United States Designated/Elected Office (DO/EO/US) mailed  
September 2, 2005, in the above-referenced application. The following items are enclosed  
herewith:

1. A copy of the Notification of Missing Requirements Under 35 U.S.C. § 371 in the United States Designated/Elected Office (DO/EO/US), as required;
2. A Combined Declaration and Power of Attorney for Patent Application executed by the inventors, Armando POMBEIRO, João FRAUSTO DA SILVA, Yuzo FUJIWARA, José Armando SILVA, Patricia M. REIS, and António F. PALAVRA, and identifying the above-referenced application to which it relates; and
3. A Transmittal (in duplicate) submitting the enclosed documents and authorizing the debit of the large entity surcharge amount of \$130.00 to the Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Respectfully submitted,



Lawrence A. Steward  
Reg. No. 32,309

**BRINKS HOFER GILSON & LIONE**  
**CUSTOMER NO. 27879**

Telephone: (317) 636-0886

Fax: (317) 634-6701



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/532,387	FIRST NAMED APPLICANT Armando POMBEIRO	ATTY. DOCKET NO. 10866/004
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INTERNATIONAL APPLICATION NO. PCT/PT03/00015
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I.A. FILING DATE 10/15/2003	PRIORITY DATE 10/23/2002
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28455  
WRIGLEY & DREYFUS 28455  
BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610

CONFIRMATION NO. 1766  
371 FORMALITIES LETTER



\*OC000000016876548\*

Date Mailed: 09/02/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/21/2005
- Copy of the International Search Report filed on 04/21/2005
- Preliminary Amendments filed on 04/21/2005
- Oath or Declaration filed on 04/21/2005
- U.S. Basic National Fees filed on 04/21/2005
- Priority Documents filed on 04/21/2005

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GILSON & LIONE

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$ 130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO MONTHS FROM THE DATE OF THIS NOTICE OR BY TWO MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,387	PCT/PT03/00015	10866/004

FORM PCT/DO/EO/905 (371 Formalities Notice)